

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 8756  
Name TJD Oil Co.  
Address P.O. Box 127  
City/State/Zip Hays, KS 67601

Purchaser

Operator Contact Person Todd Dreiling  
Phone 913 625-8384

Contractor: License # 5145  
Name Dreiling Oil, Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3-10-86 3-17-86 3-17-86  
Spud Date Date Reached TD Completion Date  
3450'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 215 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt  
Cement Company Name  
Invoice #

API NO. 15-147-20,497-0000  
County Phillips  
SE NE SW 31 5 17 East  
..... Sec..... Twp.....Rge..... X West

1650' Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

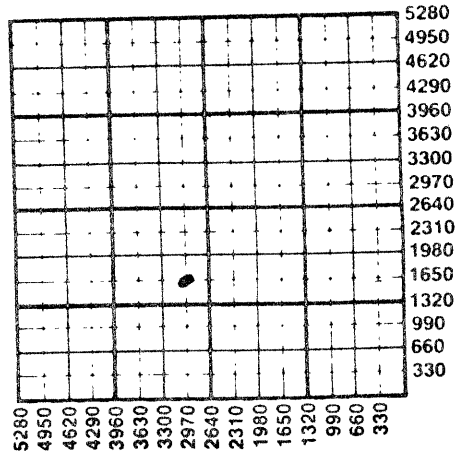
Lease Name Muir Well # 1

Field Name

Producing Formation

Elevation: Ground 1892' KB 1897'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water 4620 Ft North from Southeast Corner  
(Stream, pond etc.) 660 Ft West from Southeast Corner  
Sec 1 Twp 6 Rge 18 East X West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

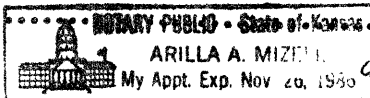
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Todd J. Dreiling  
Title Job Owner Date 4-17-86

Subscribed and sworn to before me this 17th day of April 1986

Notary Public Arilla A. Mizell

Date Commission Expires



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 RECEIVED  Other  
STATE CORPORATION COMMISSION (Specify)  
CONS. DIV. WICHITA, KS

Form ACO-1 (7-84)

8 1986

APR 30 1986  
CONSERVATION DIVISION  
Wichita, Kansas

4-30-86

Sec. 31 W.D. R. R. #10

SIDE TWO

Operator Name TJD Oil Co. Lease Name Muir Well # 1

Sec. 31 Twp. 5 Rge. 17  East  West County Phillips

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

D.S.T. #1 3109' to 3175'  
 66' anchor  
 30-30  
 Rec. 15' drlg. mud  
 IF 78-58 FF 78-68  
 ISI 477

Name	Top	Bottom
Anhy.	1360'	
Topeka	2854'	
Heebner Sh	3057'	
Toronto Ls	3086'	
Lansing-KC	3102'	
Base KC	3332'	
Arbuckle	- -	

D.S.T. #2 3229' to 3295'  
 66' anchor  
 30-45-45-60  
 Rec. 210' mud  
 IF 78-87 FF 117-136  
 ISI 1229 FSI 1189

D.S.T. #3 3294' to 3340'  
 45' anchor  
 30-45-45-60  
 Rec. 180' thin mud w/specks oil  
 IF 68-78 FF 87-107

ISI 1297 FSI 1288

RELEASED  
 NOV 17 1987  
 11-17-87  
 FROM CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"		215'	common	140	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
Date of First Production		Producing Method					
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled